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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/678,985

10/02/2003

William E. Spink JR.

1532

25859

7590

07/20/2004

WEI TE CHUNG
FOXCONN INTERNATIONAL, INC.
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EXAMINER

PAUMEN, GARY F

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 07/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/678,985

Applicant(s)

SPINK, WILLIAM E.

Examiner

Gary F Paumen

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) 4-8 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 9-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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Claims 4-8 stand withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in Paper No. 022304.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kozel et al 5938456 in view of Peterson 5342221.

Kozel et al discloses housing 22 having top surface 16, a bottom surface mounted on a substrate, passageways 26 between the top and bottom surfaces, contacts in said passageways, the contacts having surface mountable tail portions 14. Kozel et al, however, does not disclose two different passageway geometries. Peterson discloses board mounted connector 16 having passageways 62-76 of varying geometries, and to form the passageways of Kozel et al in this way thus would have been obvious, to prevent mating with an incorrect connector.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kozel et al in view of Peterson as applied to claim 1 above, and further in view of Ling et al 6575774.

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kozel et al in view of Peterson as applied to claim 1 above, and further in view of Kaufman et al 5199884.

Kozel et al substantially discloses the invention as claimed. Kozel et al, however, does not disclose surface mountable conductive panels. Kaufman et al discloses such conductive panels 76, and to provide the housing of Kozel et al with such panels would have been obvious, to better secure the housing to the substrate.

Claims 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peterson 5342221 in view of Kozel et al and Kaufman et al.

Peterson (Figure 2) substantially discloses the claimed invention including first housing 16 with standoffs and passageways 62-76 of different geometries having first contacts therein; second housing 14 having poles 42-56 with wires/ second contacts therein; and deflectable latch 30. Peterson, however, does not disclose the first contacts as having surface mounting tails, nor the mounting pads and conductive panels. Kozel et al discloses contacts having surface mounting tails 14, and to form the first contacts of Peterson in this way thus would have been obvious, to facilitate mounting to the substrate. Kaufman et al discloses mounting pads 76 and conductive panels, and to provide the first housing 16 of Peterson with such mounting pads and panels thus would have been obvious, to better secure the housing to the substrate to which housing 16 is to be mounted.

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Applicant's arguments filed June 30, 2004 have been fully considered but they are not persuasive. Concerning the arguments presented regarding claim 9 and Peterson, it is noted that Figure 2 of Peterson does disclose a board mounted connector 16. Figures 4-8 of Peterson are not being considered.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

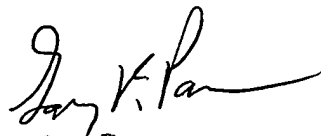
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary F Paumen whose telephone number is 571-272-2013. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800, ext. 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gfp



Gary Paumen
Primary Examiner